



FY2006 Annual Work Plan

Kittitas County Conservation District

For More Information Contact: Anna Lael, 509 925-8585, a-lael@wa.nacdn.net



Mission of the Kittitas County Conservation District

- Provide leadership, technical, educational and financial assistance to landowners and land users in their utilization and management of natural resources

Natural Resource Priorities and Goals:

- Irrigation Water Use Efficiency – Improve irrigation efficiencies on 200 acres of irrigated cropland
- Soil Erosion- Apply PAM to 1,800 acres of irrigated cropland to reduce sediment in return flow; install stream bank protection structures.
- Fish Passage- Eliminate 3 barriers to fish passage (Cabin Creek, Currier Creek, Manastash Creek) and plan the removal of 10 more (Reecer Creek, Caribou Creek, Cherry Creek, Manastash Creek).
- Fish Screens- Install approved screening structures or facilities at 5 irrigation water diversions (Manastash Creek, Fogarty Ditch/Sorenson Creek, Swauk Creek) and plan additional installations (Cherry Creek, Reecer Creek, Caribou Creek, Currier Creek, Manastash Creek)
- Water Quality- Establish a small acreage technical and financial assistance program that specifically includes small livestock owners and targets landowners who may not be eligible for other programs (e.g. NRCS' Environmental Quality Incentives Program)
- Riparian Habitat- Install grasses, trees and shrubs on 1.2 acres of riparian area on Coleman Creek, Wilson Creek, Dry Creek and the Teanaway River, and maintain trees and shrubs planted in FY2005
- Assess Water Quality- Collect water quality data related to sediment, temperature and macro invertebrates in the Teanaway Watershed

Information – Education Priorities and Goals:

- KCCD's Long Term Goal- Provide information/education opportunities to all ages and backgrounds in order to increase their knowledge and understanding of natural resources in Kittitas County.
- General Public Goal- By June 2006 offer natural resource educational opportunities to more than 60,000 members of the general public
- Youth Education Goal- By June 2006 offer educational opportunities to over 300 K-12 students in Kittitas County
- Private Landowner Goal- By June 2006 offer educational materials (newsletters, Rural Living Handbook, Small Ranch Manual) and opportunities to 2000 private landowners, specifically targeting water right holders (for Irrigation Efficiencies, fish screening/passage) and small acreage landowners (less than 20 acres)



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District Operations Priorities, Goals & Funding Sources:

- KCCD Goals for District Operations- Complete operations in a time and funding efficient manner consistent with Washington Conservation Commission guidelines.
 - By September 2005 complete Annual Report of Accomplishments
 - By March 2006 complete Supervisor elections and appointments
 - By March 2006 recruit one new Associate Supervisor
 - By April 2006, complete Employee Evaluations and Review of Salaries/Wages
 - By April 2006 complete a review of the KCCCD Cost Share Policy and KCCCD Personnel and Policy Statement
 - By December 2005, complete a KCCCD Administrative Operations Manual
 - By May 2006 complete Internal Audit, Annual Financial Report, Annual Plan, and Annual Budget
 - By June 2006, complete 12 monthly meetings and 3 special meetings of the Board of Supervisors.
 - By June 2006, offer 2 training opportunities to staff and Board of Supervisors
 - By January 2006, be prepared to actively pursue a special assessment
 - Anticipated KCCCD funding sources for FY 2006 (July 1, 2005 through June 30, 2006).
 - Indirect Federal: Yakima Tributary Access and Habitat Program, Bonneville Power Administration through the South Central RC&D; Salmon Recovery Funding Board
 - State: Washington Conservation Commission (Professional Engineering, Irrigation Efficiencies, Implementation, Basic Funding); Department of Ecology (Water Metering, Teanaway Restoration, Manastash Restoration, Referendum 39 Funds)
 - Local: Roy Bach Memorial Conservation Plant Sale



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Program Area: Irrigation Efficiency Improvements

Goal(s): Provide irrigators/landowners with opportunity to improve irrigation delivery and application systems; demonstrate irrigation scheduling technologies in a dozen fields.

Funding Source(s): Irrigation Efficiencies (Washington Conservation Commission) and the Salmon Recovery Funding Board (Dry/Cabin Creek Project, Lower Reecer Creek Project)

Activities for FY2006	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Convert 80 acres of flood irrigated ag land to center pivot sprinkler systems (in conjunction with Dry Creek fish screen project)	July- Dec 2005	RG, AL, SL	56	\$ 154,000
Pipe earthen ditch and/or convert up to 100 acres of rill irrigated ag land to linear sprinkler irrigation (Irrigation Efficiencies Program)	July 2004 to June 2005	AL, MC, SL	80	\$ 200,000
Demonstrate Irrigation Scheduling technology in a dozen local fields with hay, corn or potato crops	July 2005 to October 2005	MC, AL, SL	4	\$ 1,000

Program Area: Reduce Erosion and Improve Water Quality

Goal(s): Apply polyacrylamide to 2,000 acres of irrigated cropland; install stream bank protection structures; assist 10 small acreage and/or livestock owners; provide educational materials to private landowners

Funding Source(s): Washington Conservation Commission and Teanaway Restoration Project



Activities for FY2006	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Provide cost share assistance to 20 landowners for PAM and PAM applicators	July 1 to Oct 15 2005 and Apr 1 to June 30 2006	AL, SL	15	\$ 7,500
Provide technical assistance to 40 landowners (including small acreage landowners, forest landowners and livestock operators)	July 2005 to June 2006	AL, SW, MC, AS	60	\$ 45,000

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Provide educational opportunities to over 60,000 members of general public through the use of the PAM Demonstration Table at the Kittitas County Fair	September 1-5, 2005	AL, SL, SW, AS, RG, MC	6	\$ 3,000
Provide educational opportunities to irrigators through the use of the PAM Demonstration Table at grower meetings (KCCD's, Chemical dealers, Hay Growers, etc.)	January-March 2006	AL, MC, AS	4	\$ 2,500
Design culvert replacements and in-stream structures to reduce erosion on Lick Creek (tributary to North Fork Teanaway)	July 2005-April 2005	SW, AL, SL	40	\$ 48,000
Provide the Rural Living Handbook and Small Ranch Manuals to general public at grower meetings, in local business and at other governmental offices.	July 2005-June 2006	AL, MC, SL	8	\$ 2,500

Program Area: Water Quality Monitoring

Goal(s): Collect water quality (sediment, turbidity, temperature) data on the Teanaway River

Funding Source(s): Teanaway Restoration Project (CCWF via Ecology)



Activities for FY2006	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Monitor water quality (sediment, temperature, discharge) during 15 sample events (monthly plus events)	July 2005-Nov 2005	SW, AL, SL, AS	120	\$ 12,000
Monitor macro invertebrates during one sample event	July 2005-Sept 2005	SW, AL, SL, AS	48	\$ 18,000
Monitor water temperatures with loggers for 4 months	July 2005-Oct 2005	SW, AL, SL, AS	32	\$ 6,500
Complete a Final Project Report for 2002 to 2005 Teanaway Water Quality Data	Nov 2005-March 2006	SW, AL, SL	25	\$ 7,000

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Program Area: Fish Screening, Passage and Habitat

Goal(s): Assist private landowners with fish screening, passage and habitat issues.

Funding Source(s): Funding is expected from Bonneville Power Administration (via South Central RC&D), Salmon Recovery Funding Board (3 current grants, 3 potential grants) and the Department of Ecology (Conveyance Infrastructure, Manastash Restoration Project).



Activities for FY2006				
Activities	Target Dates	Person Responsible	Time (Days) Required	Estimated Funding
Install an approved fish screen facility on Dry Creek	July 2005- Dec 2005	RG, AL, SL	40	\$ 85,000
Correct a barrier to fish passage by removing an abandoned irrigation diversion on Cabin Creek (in conjunction with fish screen facility on Dry Creek)	Aug 2005- Feb 2006	RG, AL, SL	40	\$ 25,000
Design and install piped irrigation delivery system for 12 cfs from EWC to avoid need for in-stream structures	July 2005 to June 2006	CR, RG, AL, SL, Consulting Engineers	200	\$ 120,000
Install in-stream structures to increase habitat complexity in Wilson Creek and reduce or eliminate silt deposits behind an abandoned diversion structure	July- Dec 2005	RG, AL, SL, Consulting Firm	80	\$ 60,000
Stream Assessments- Complete 3-5 miles of stream assessment (Swauk Creek)	July 2005- Dec 2005	AS, SW, AL, SL	5	\$ 2,000
Tributary Teams- Organize Trib Team meetings for 2 Tributaries to perform local prioritizations	July 2005- June 2006	AL, AS, SW, SL, MC, RG	35	\$ 35,000
Design and Engineer fish screen and passage facilities (Lower Reecer Creek, Fogarty, Caribou Creek, Currier Creek, Swauk Creek,)	July 2005- June 2006	RG, AL, Consulting Firm	45	\$ 85,000
Manastash Restoration Project- Manage project to screen and/or provide passage at 3 irrigation diversions. (Barnes, Keats/Jensen and Abandoned Anderson Diversion)	July 2005- June 2006	CR, AL, SL	360	\$ 200,000

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Manastash- Design and Engineer Manastash Ditch, Hatfield, and Reed Fish screen and passage structures	July 2005- June 2006	CR, AL, SL Consulting Firm	200	\$ 138,280
Jack & Indian- Complete Design and Engineering Phase of culvert replacement to correct fish passage barriers	July 2005- Sept 2005	AL, RG, Consulting Firm	50	\$ 32,040
Apply for funding for barrier removal and/or fish screen facilities (Cherry Creek, Caribou Creek, Currier Creek, Jack Creek)	July 2005- Dec 2005	AL, RG, SW, SL, CR	15	\$ 15,000

Program Area: Riparian Habitat Improvements

Goal(s): Plant trees, shrubs and grasses on 1.2 acres of riparian lands and maintain FY05 plantings on 2.5 acres.

Funding Source(s): Yakima Tributary Access and Habitat Program (BPA via South Central RC&D); the Salmon Recovery Funding Board (Dry/Cabin Creek Project, Coleman Creek Project, Wilson Creek project); and the Teanaway Restoration Project (CCWF from Ecology)



Activities for FY2006	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Plant 0.5 acre on Dry and Cabin Creeks in conjunction with fish screen and fish passage projects	Oct 2005- June 2006	SW, AL, SL, AS, WCC Crew	20	\$15,500
Maintain 0.5 acre on Coleman Creek in conjunction with the fish passage improvements	July 2005- June 2006	SW, AL, SL, AS, WCC Crew	20	\$12,500
Maintain 1.0 acres planted in FY05 on lower Wilson Creek in conjunction with previous irrigation efficiencies, fish screen, fencing and water gap project	July 2005- June 2006	SW, AL, SL, AS, WCC Crew	20	\$12,500
Plant another 0.5 on lower Wilson Creek in conjunction with current in-stream habitat project	Oct 2005- June 2006	SW, AL, SL, AS, WCC Crew	40	\$24,000
Maintain 1 acre of previously planted riparian and floodplain areas on main stem Teanaway and North Fork Teanaway	July 2005- June 2006	SW, AS, WCC Crew	40	\$14,000
Plant 0.2 acres on Wilson Creek (near City of Ellensburg Waste Water Treatment Plant)	Oct 2005- June 2006	AS, SW, AL, WCC Crew	40	\$17,000

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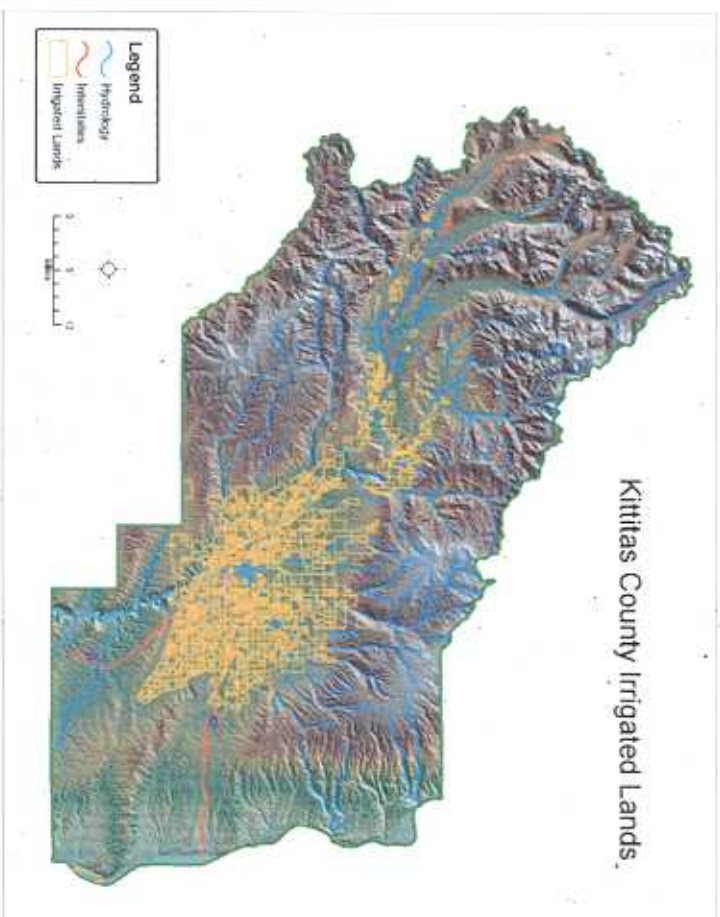
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Program Area: *Fragmentation of Agricultural Lands*

Goal(s): *Research potential programs and funding sources to protect farmland from development.*

Funding Source(s): *Washington Conservation Commission, Natural Resources Conservation Service*

Activities for FY2006		Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Research NRCS's Farm and Ranch Lands Protection Program		July 2005 to April 2006	RG, AL, SL	10	\$2,840



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District budget for FY2005 (7/1/05 – 6/30/06)

The following budgets detail both project expenses by object (salaries, benefits, supplies, etc.) and by project/grant.

Object	Budget			
Salaries & Wages	\$240,000			
Personnel Benefits	\$41,240			
Office & Operating Supplies	\$35,000			
Fuel Consumed	\$2,800			
Supplies Purchased for Resale	\$1,985			
Professional Services	\$195,680			
Communication	\$3,500			
Travel	\$2,500			
Advertising	\$1,105			
Insurance	\$8,850			
Miscellaneous	\$10,000			
Subtotal	\$542,660			
Cost Share	\$330,000			
Project Construction	\$530,000			
Subtotal	\$860,000			
TOTAL	\$1,402,660			

Grant Source	Total Budget	Expected Expenditures in 2005
State Funds		
Basic Funding	\$10,660	\$10,660
05-07 KCCCD Implementation Project	\$70,000	\$35,000
Irrigation Efficiencies	\$2,375,000	\$200,000
Professional Engineering	\$161,666	\$82,000
Livestock Technical Assistance		\$18,000
Teenaway Restoration Project	\$156,827	\$60,000
DOE Water Metering	\$400,000	\$35,000
Conveyance Infrastructure Funds	\$284,028	\$42,000
Manastash Restoration Project	\$2,240,000	\$400,000
Indirect Federal Funds		
Yakima Tributary Access & Habitat Program (BPA via RC&D)	\$399,000	\$399,000
SRF- Dry/Cabin Creek Fish Passage	\$164,000	\$100,000
SRF- Lower Reecer Creek Fish Passage	\$264,000	\$18,000
SRF- Wilson Revegetation Project	\$28,000	\$3,000
TOTALS	\$6,553,181	\$1,402,660

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